

0953150 110601

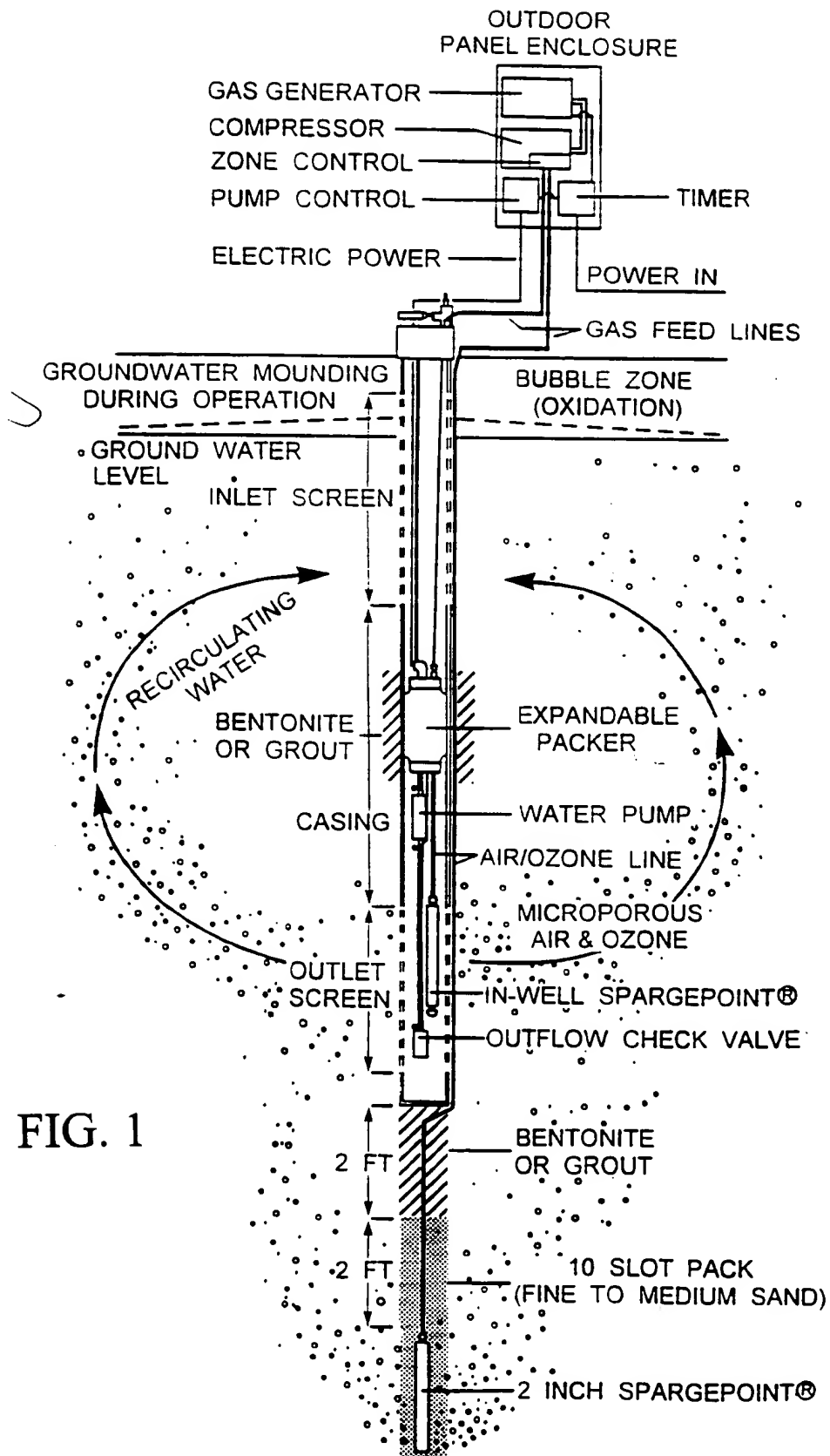


FIG. 1

09993152-110601

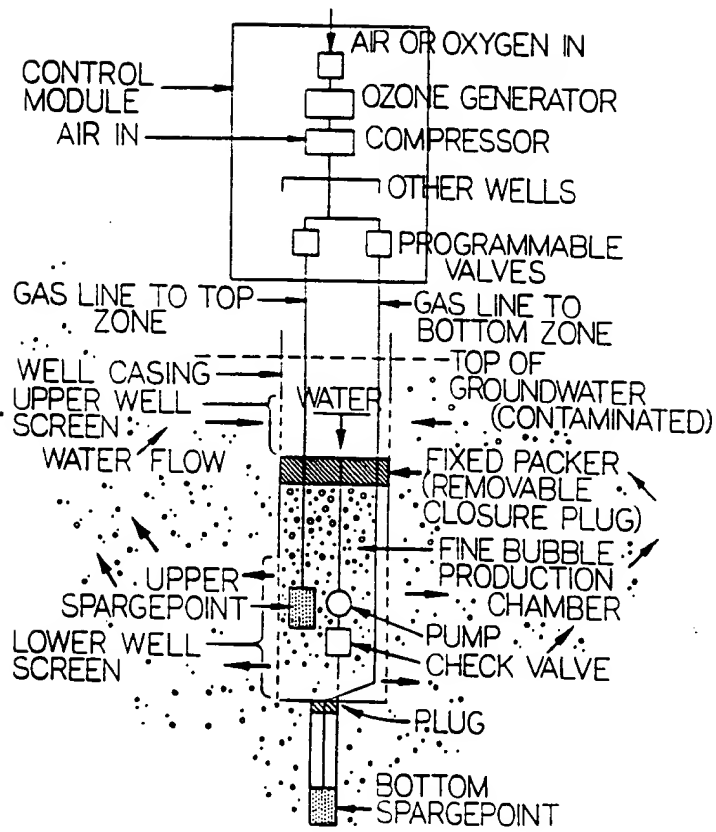


FIG. 2

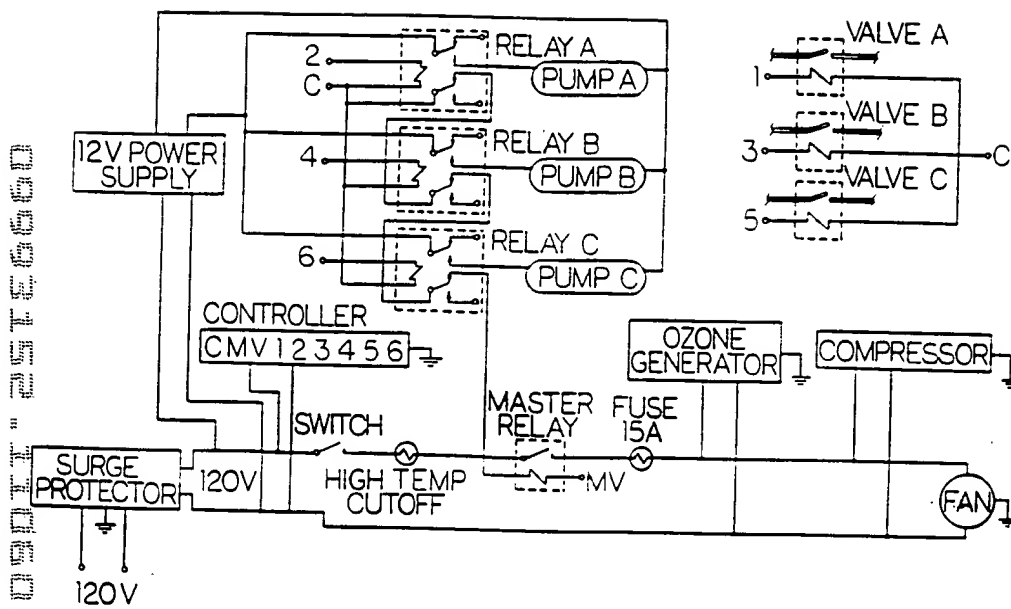


FIG. 3

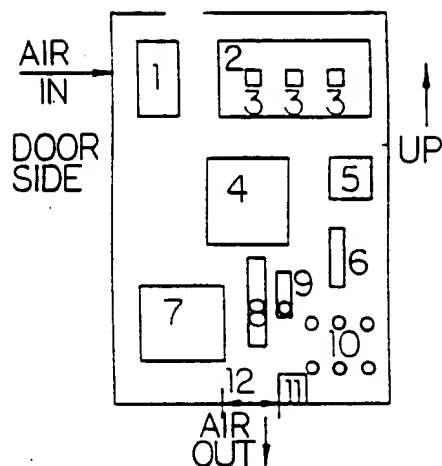


FIG. 4

- 1 AC TO DC POWER CONVERTER (OR TRICKLE CHARGED LEAD ACID BATTERY)
- 2 OZONE GENERATOR
- 3 WELL GAS RELAYS (3 WELLS SHOWN)
- 4 COMPRESSOR
- 5 MASTER RELAY
- 6 15A MAIN FUSE
- 7 PROGRAMMABLE TIMER-CONTROLLER
- 8-POWER STRIP
- 9 GAS REGULATOR AND PRESSURE GAGE
- 10 SOLENOID MANIFOLD (NUMBER DEPENDS ON SERIES AND NUMBER WELLS)
- 11 GROUND FAULT INTERRUPTOR
- 12 COOLING FAN

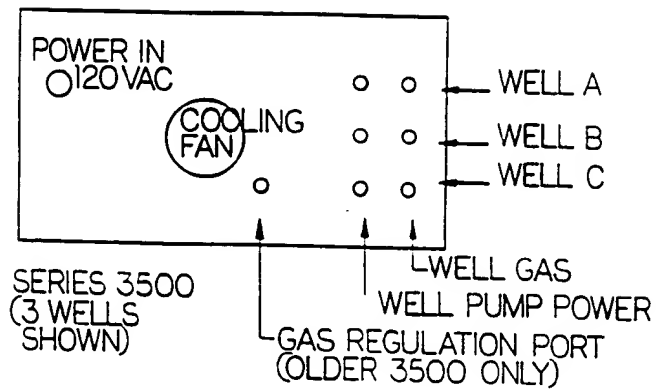


FIG. 5A

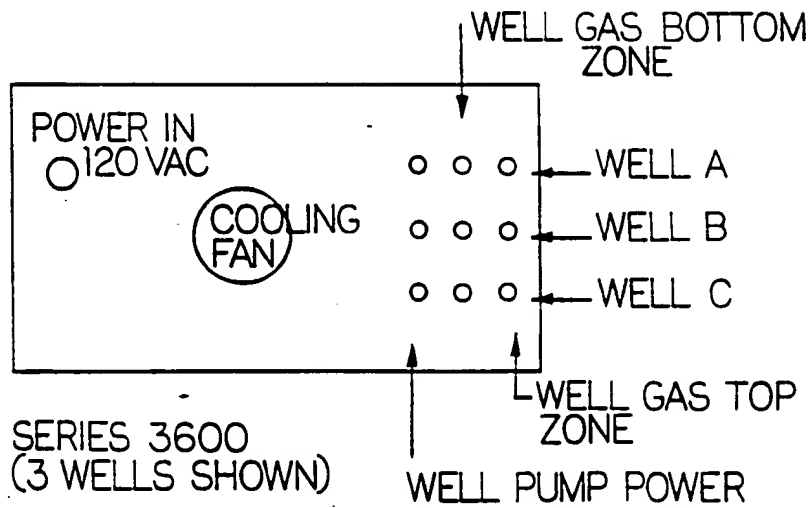


FIG. 5B

FOOT 25E660

FIG. 6

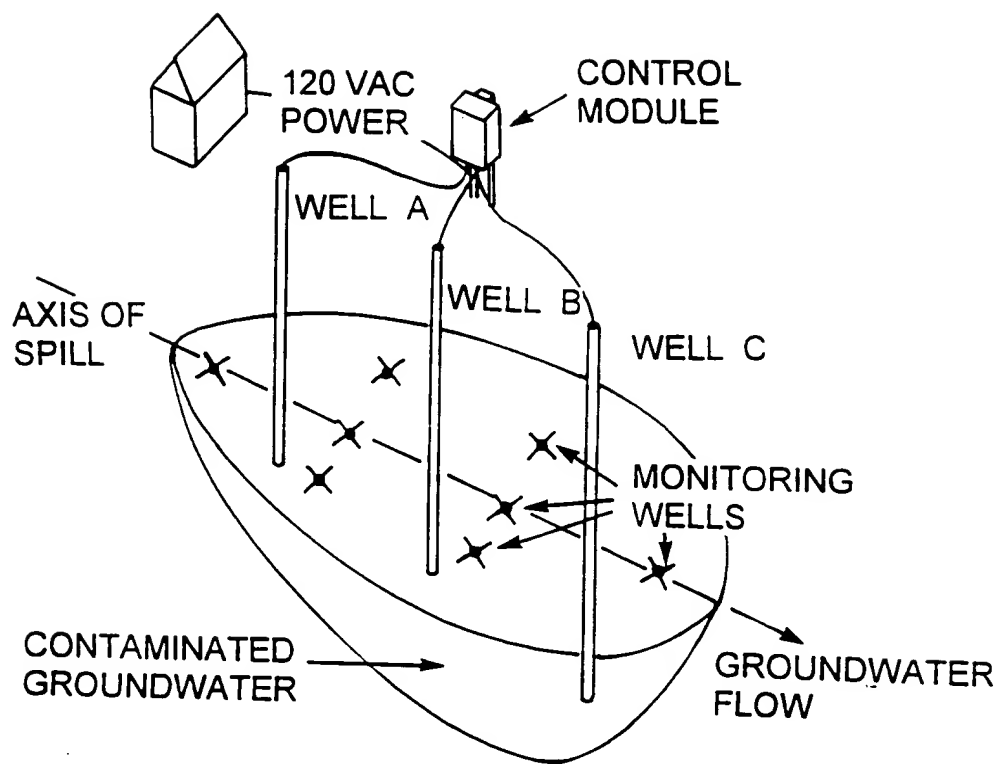


FIG. 6

0953152-110601

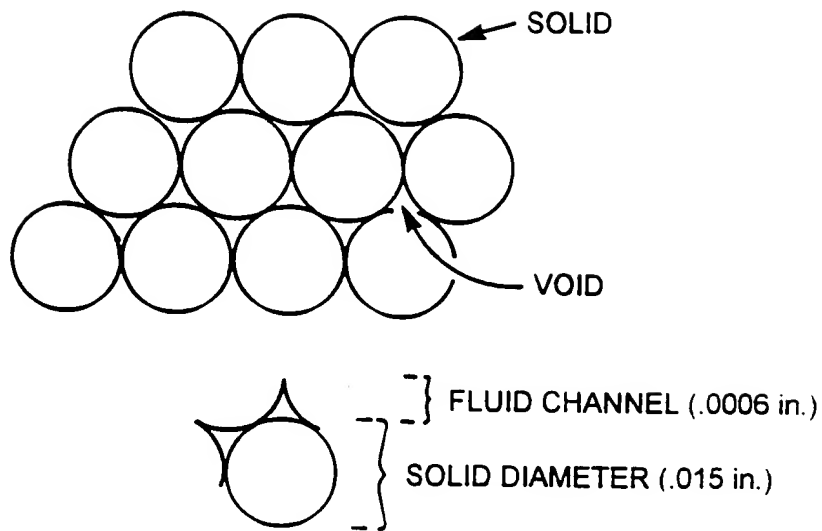
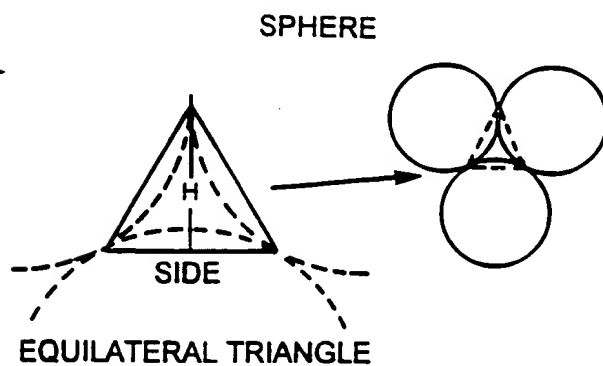
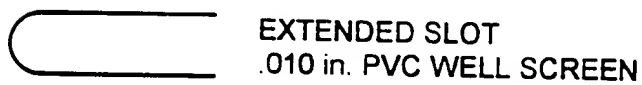


FIG. 7



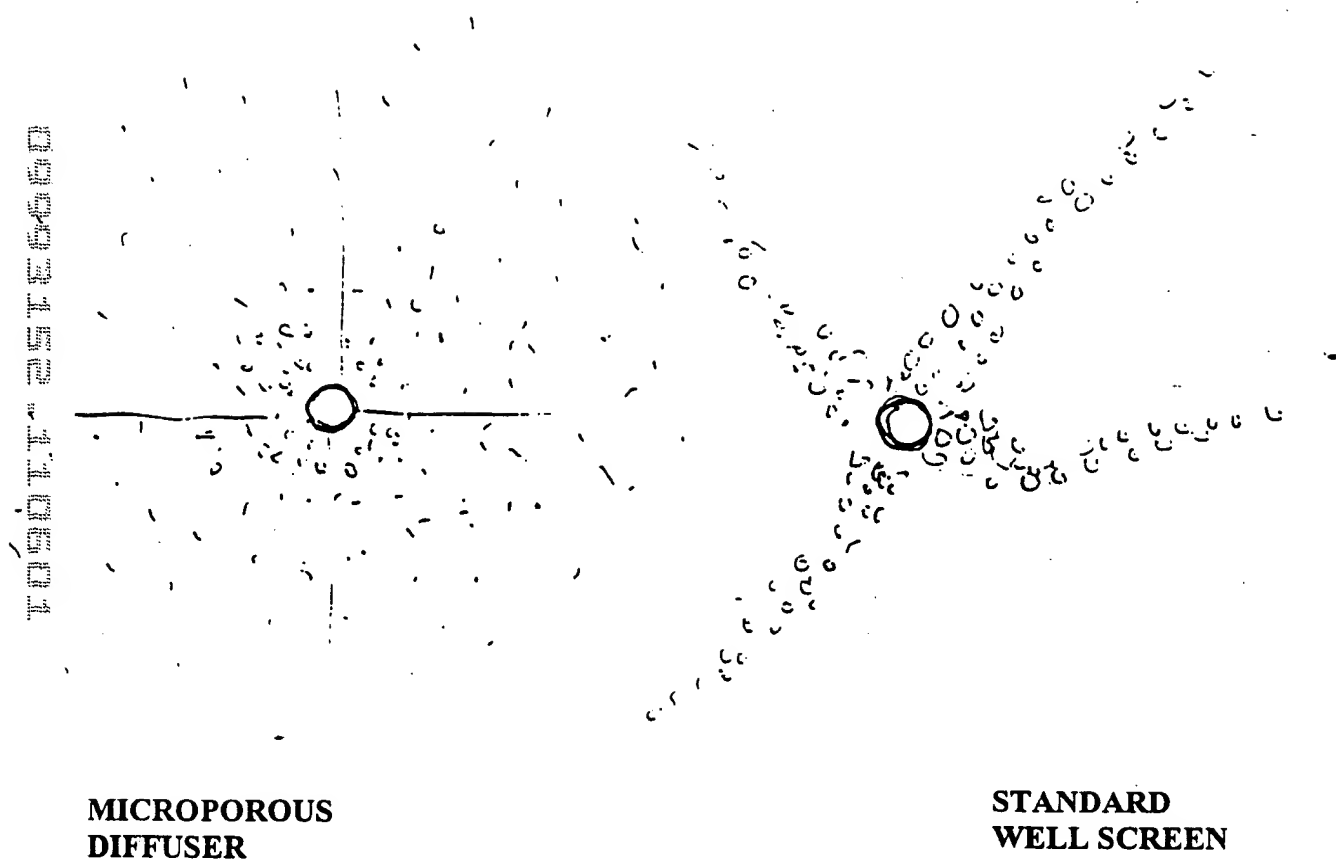


FIG. 10

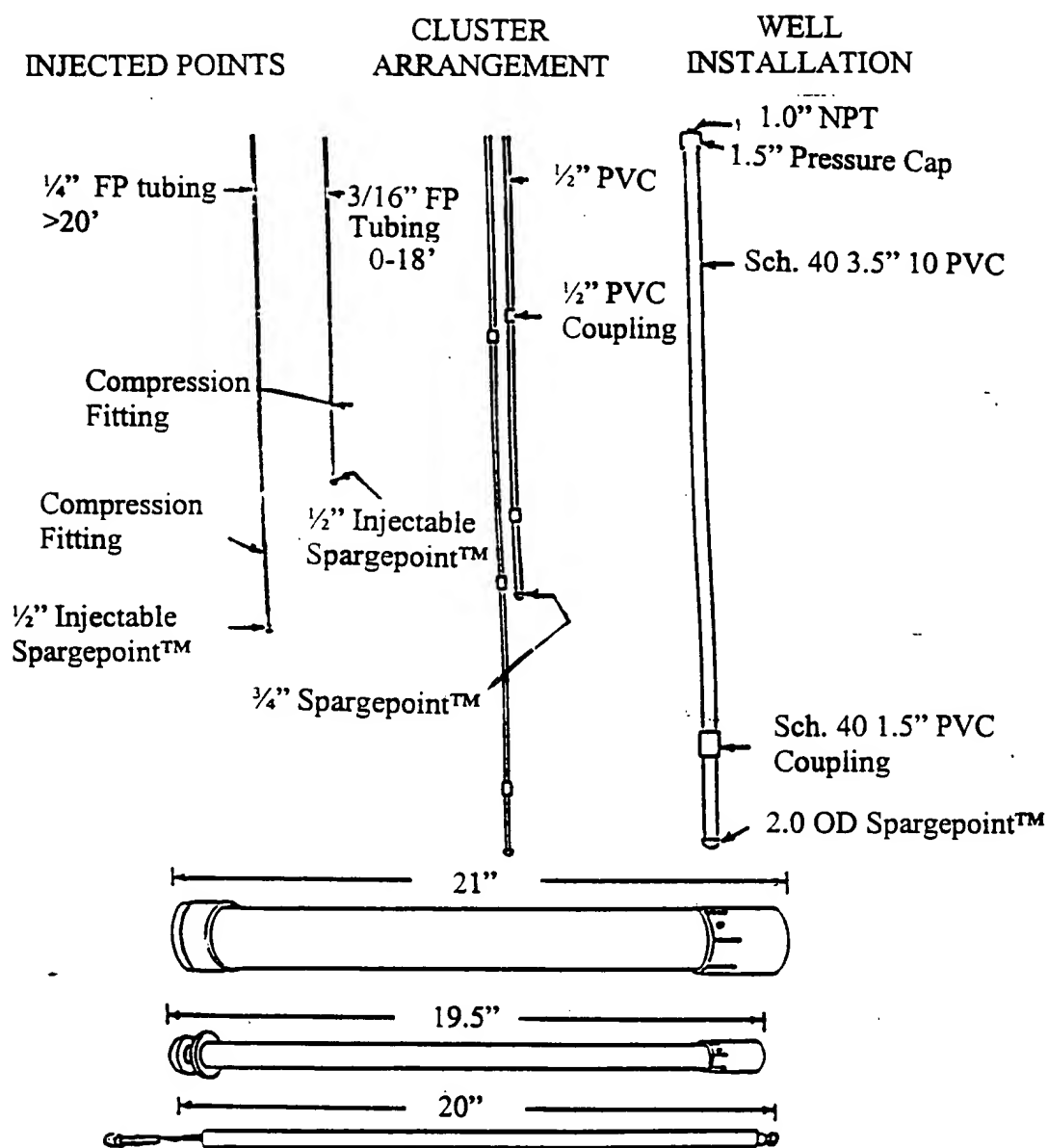


FIG. 10

0950153-10501

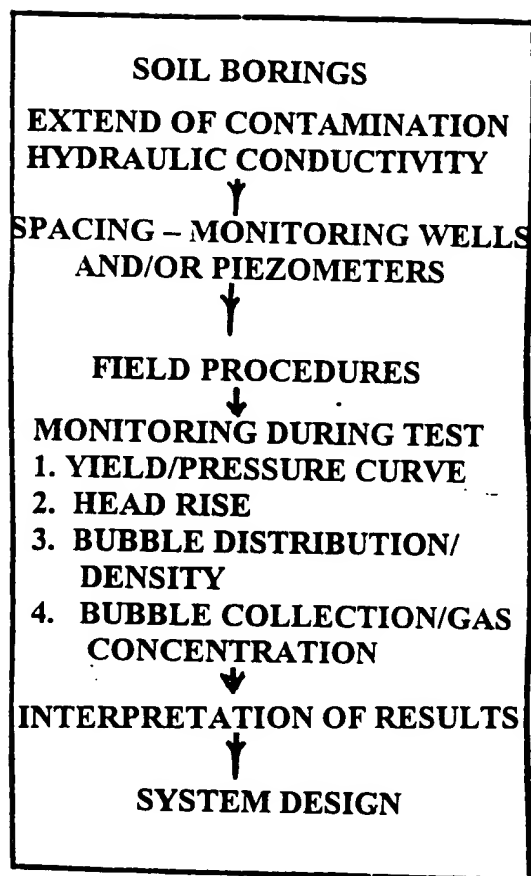


FIG. 11

SPARGEPOINTTM TEST ASSEMBLY
 1/2" OR 3/4" POINT WITH 1 INCH CASING

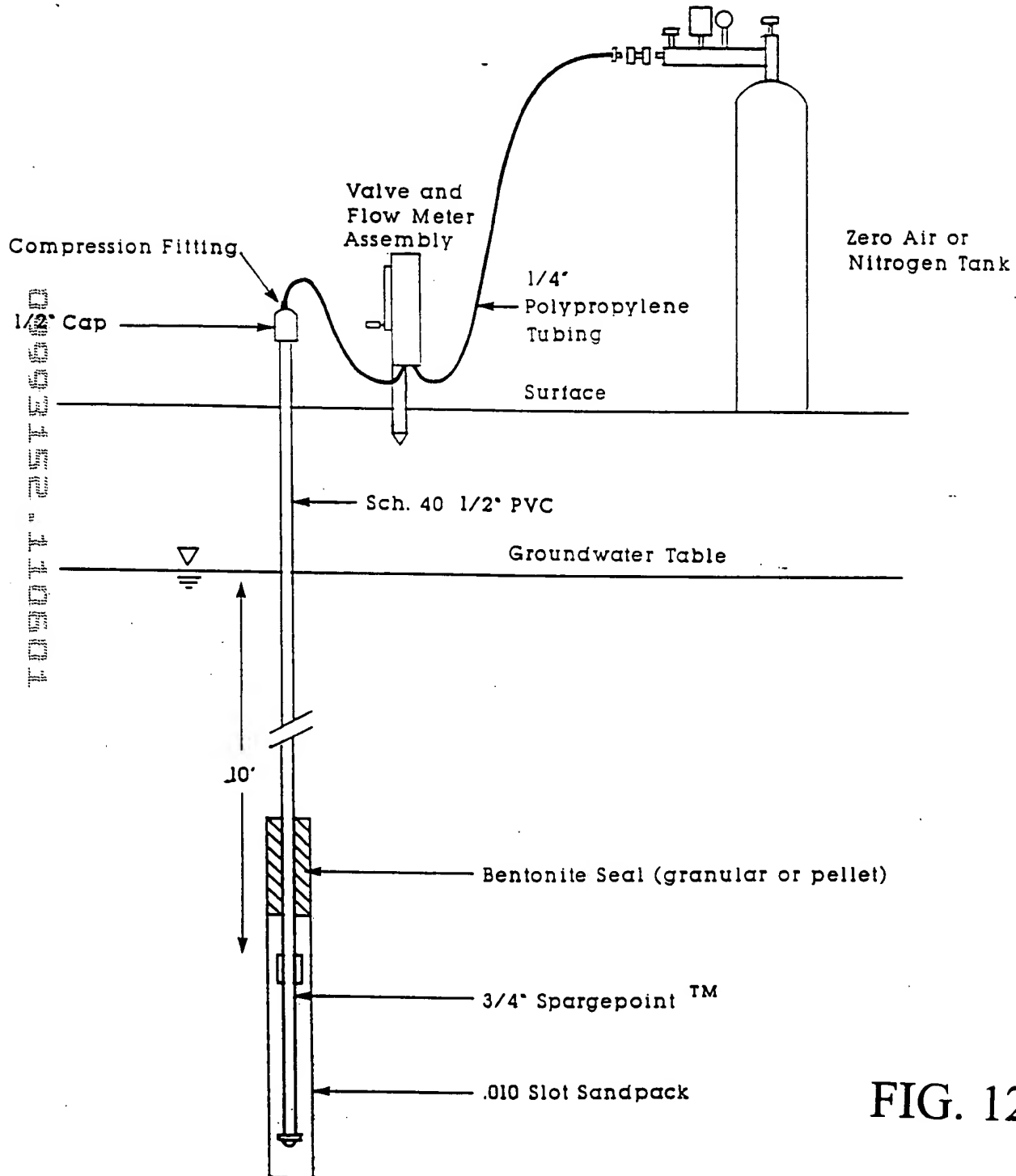


FIG. 12

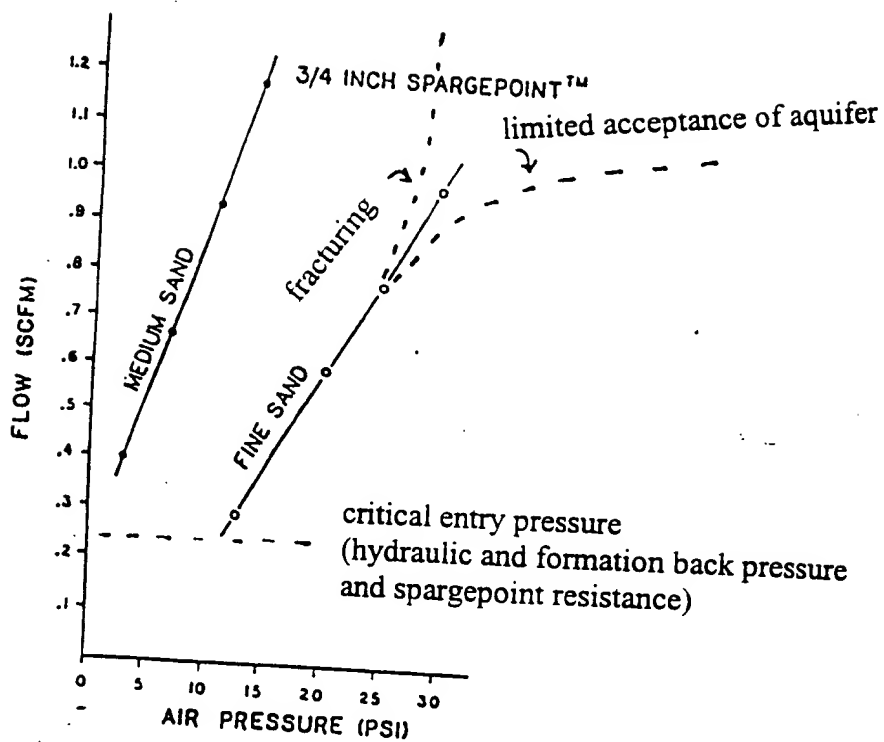


FIG. 13

INFLUENCE OF DEPTH AND PRESSURE ON RADIUS OF BUBBLE ZONE

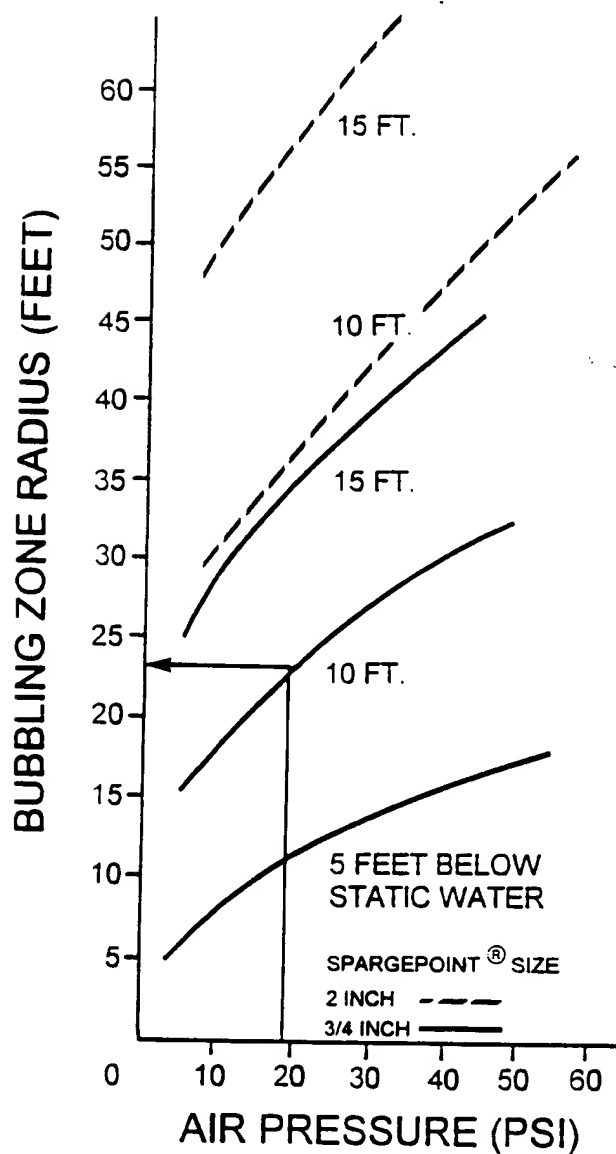


FIG. 14

FOOT" 2516560

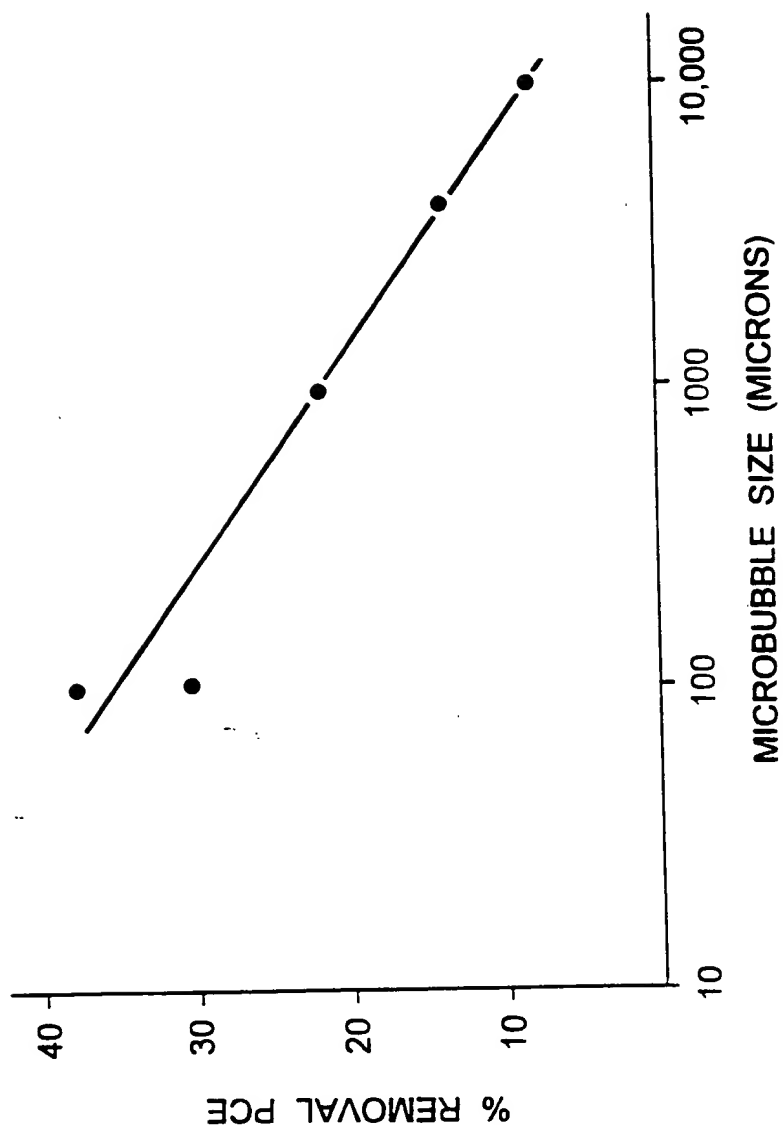


FIG. 15

105011" 2512660

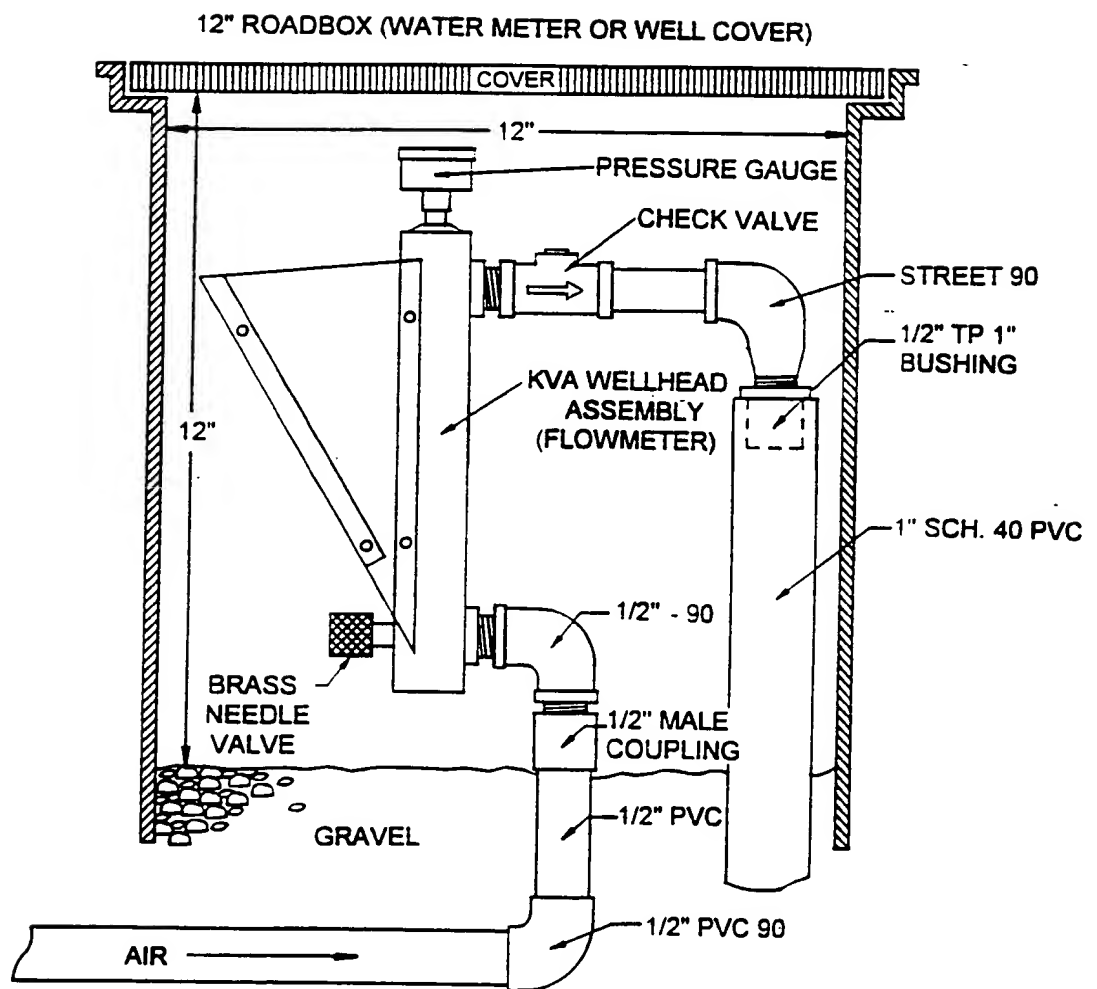
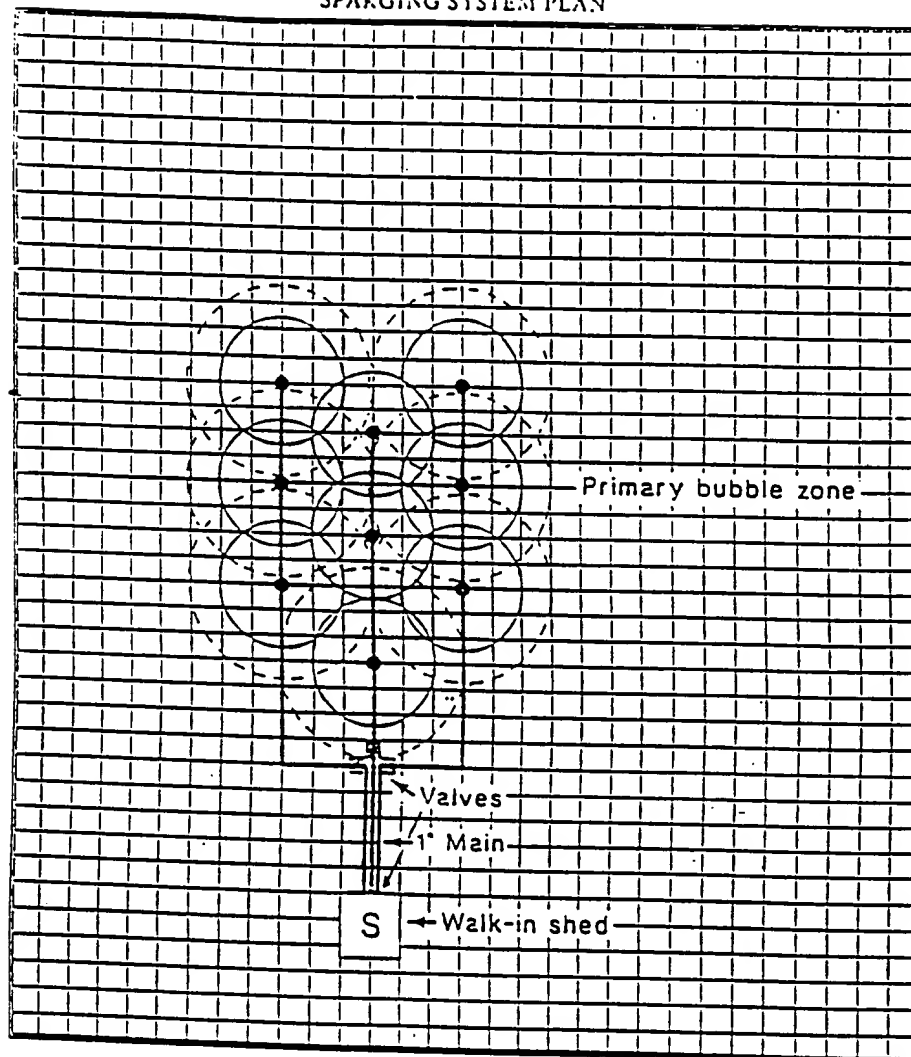


FIG. 16

1050 T " 25 T 8650

SPARGING SYSTEM PLAN



Size of Sparge Area	100 x 150 ft	Size of SVE Area	150 x 200 ft
Use of Zone Control?	3 zones	Size of SVE System	150 scfm
Number of Spargepoints™	9	Depth to Water	10 ft
Soil Conditions	MEDIUM SAND	Type of Contaminant	BTEX

FIG. 17

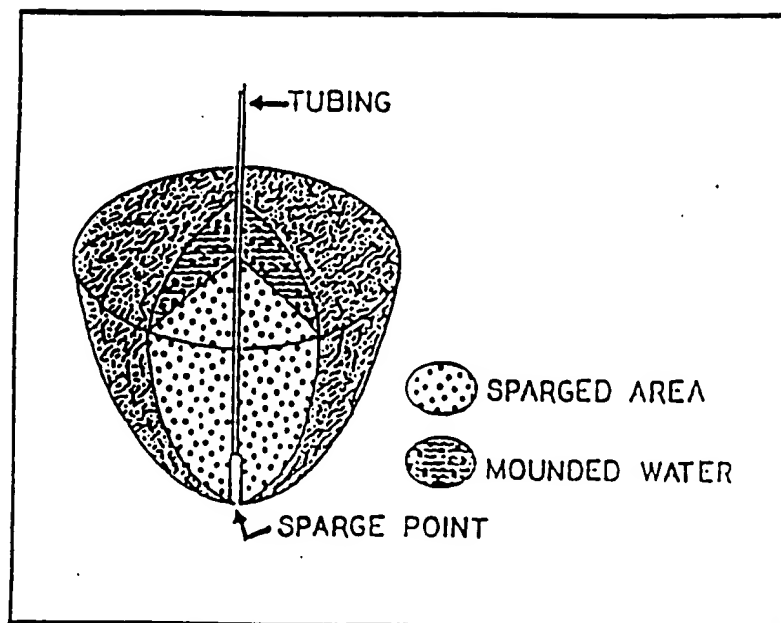


FIG. 18

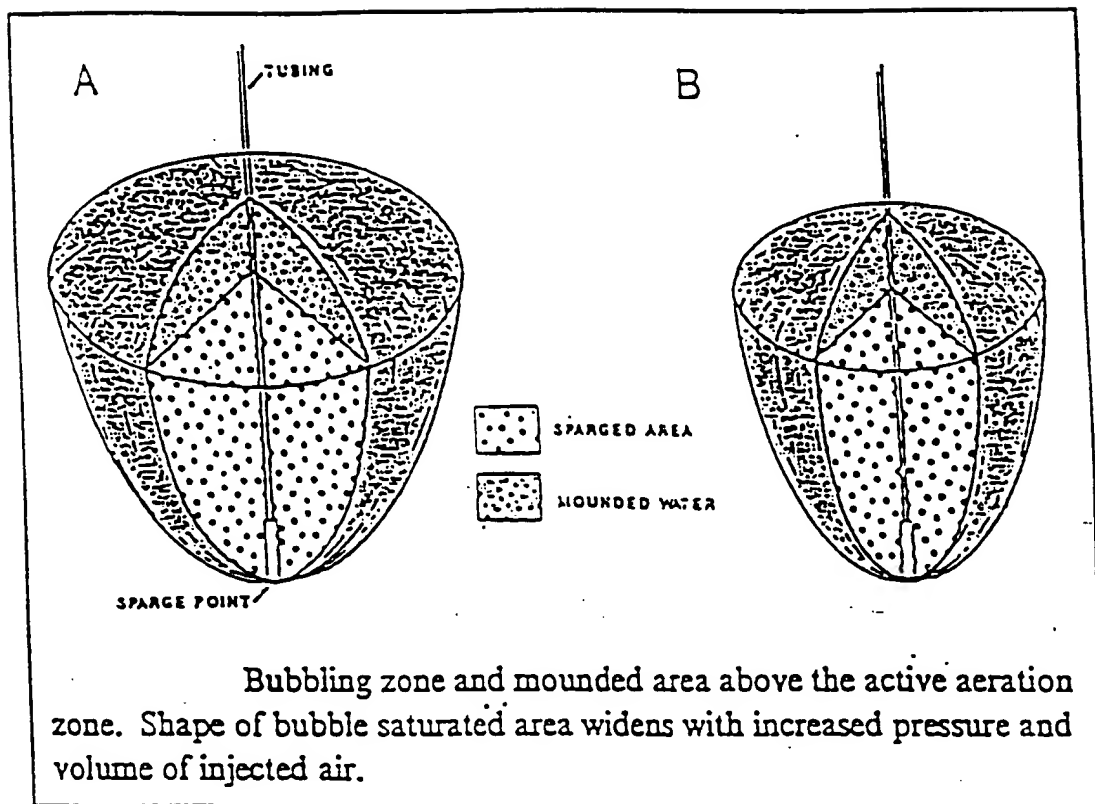


FIG. 19

FOOT " 257E660

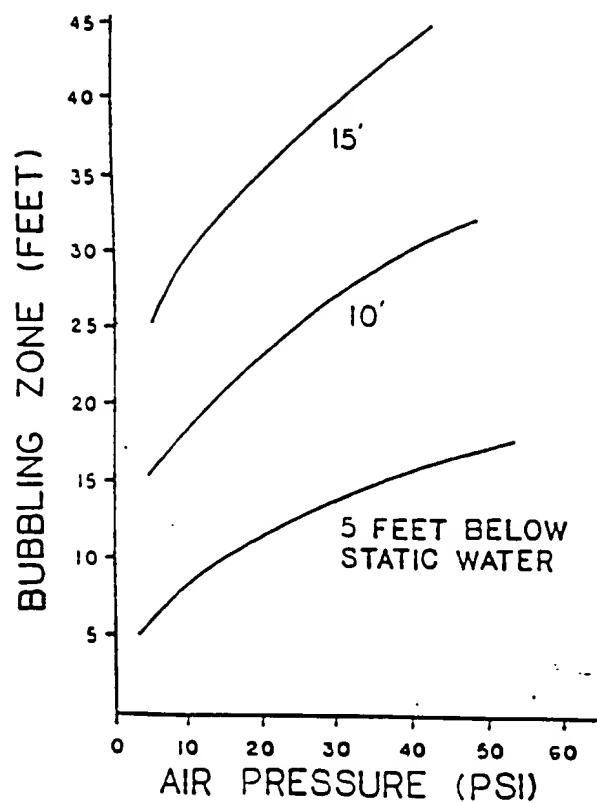


FIG. 20

Sequential rise in water table from bubbling. Concentric zones permit containing Any floating contaminant.

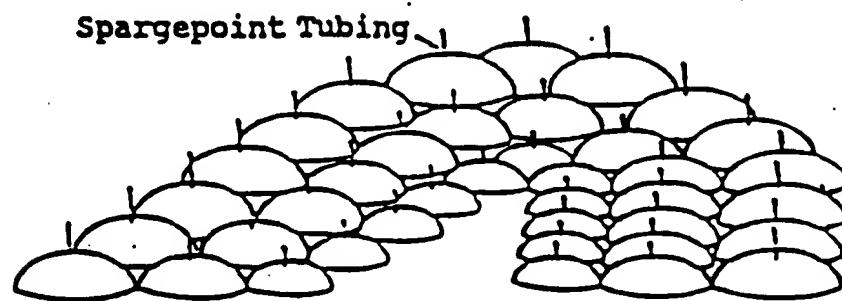


FIG. 21

Sequential rise in water table from bubbling. Concentric zones permit containing any floating contaminant.

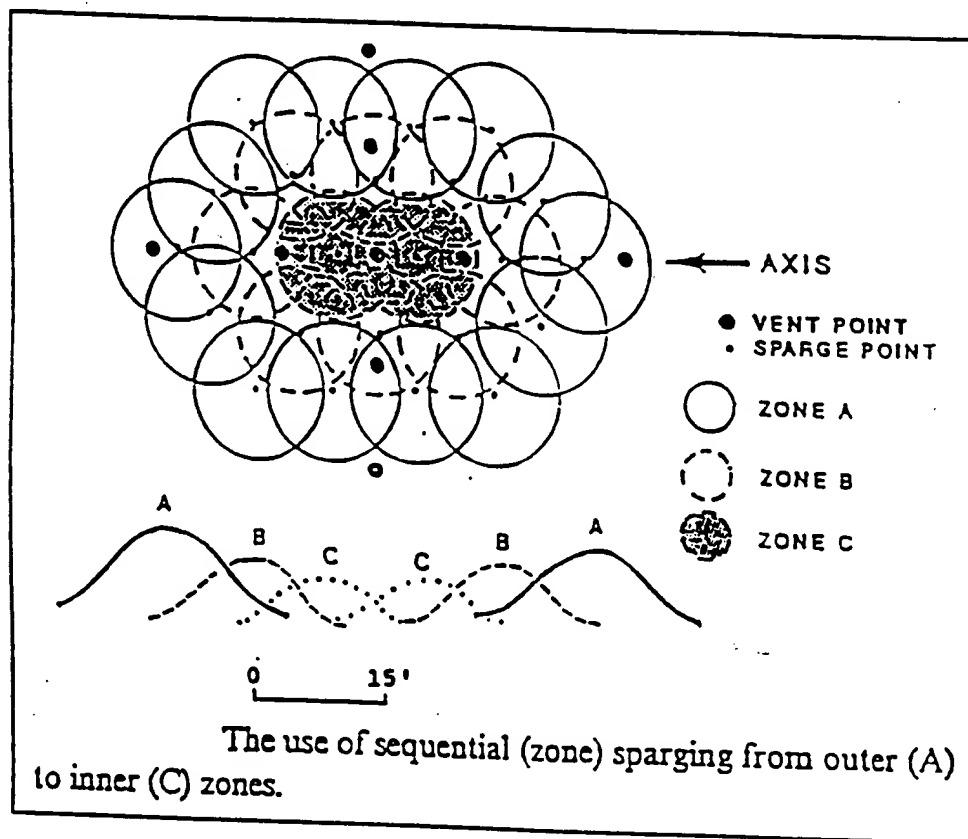


FIG. 22

FIG. 23A

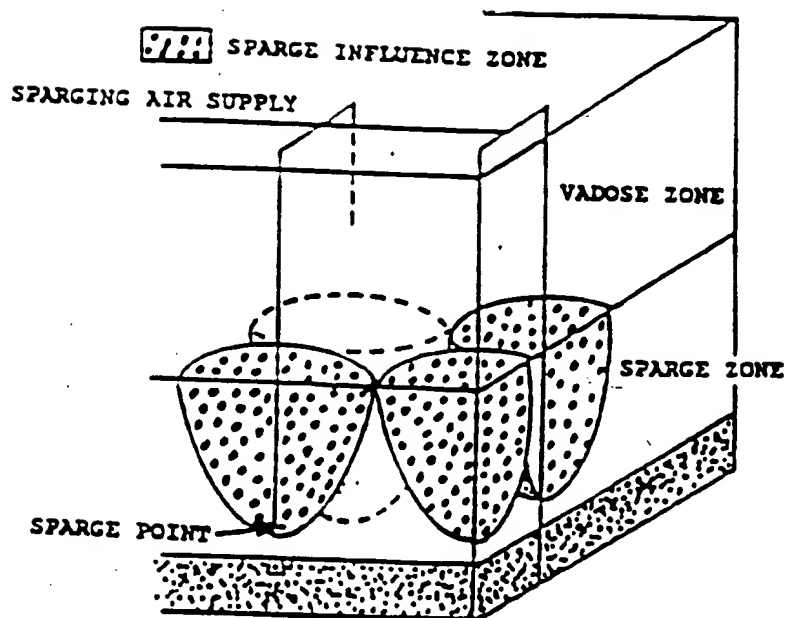


FIG. 23A

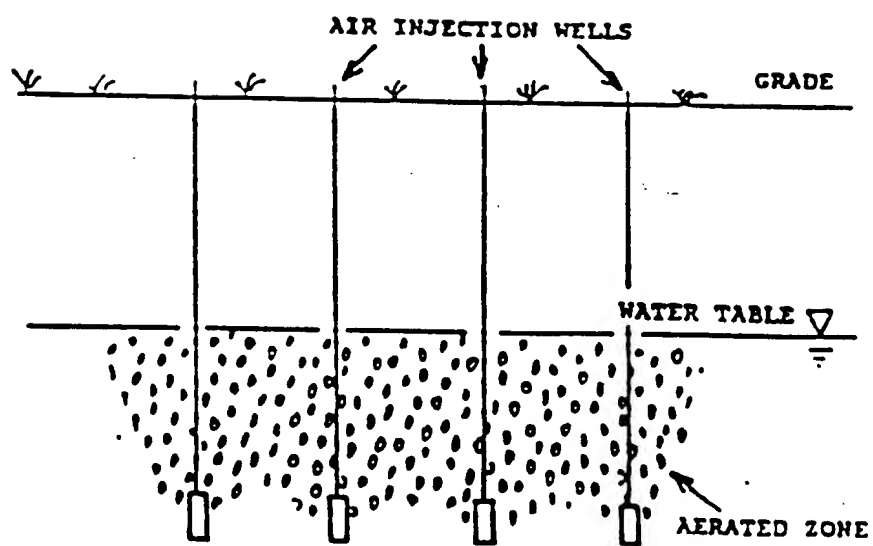


FIG. 23B

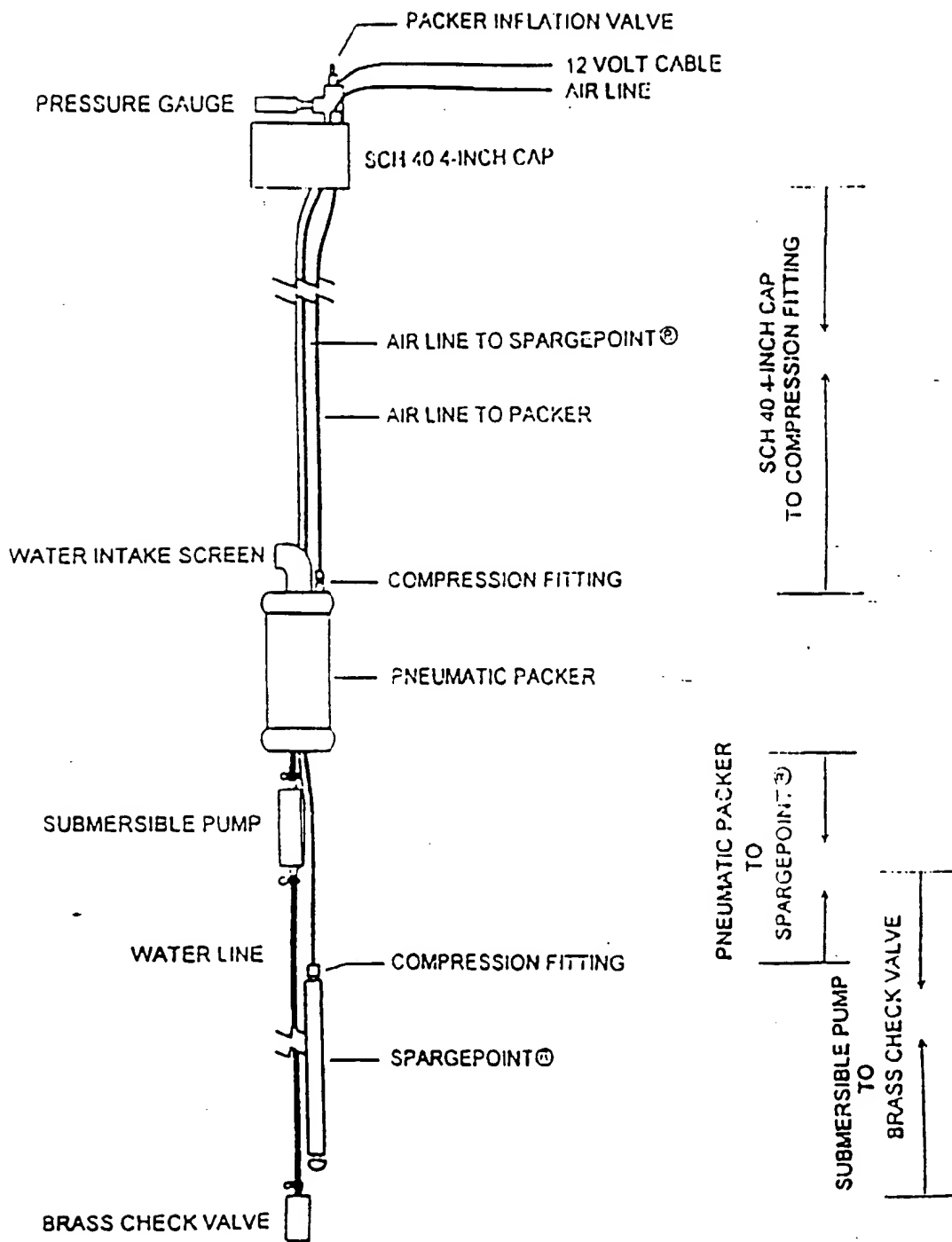


FIG. 25

FIG. 26

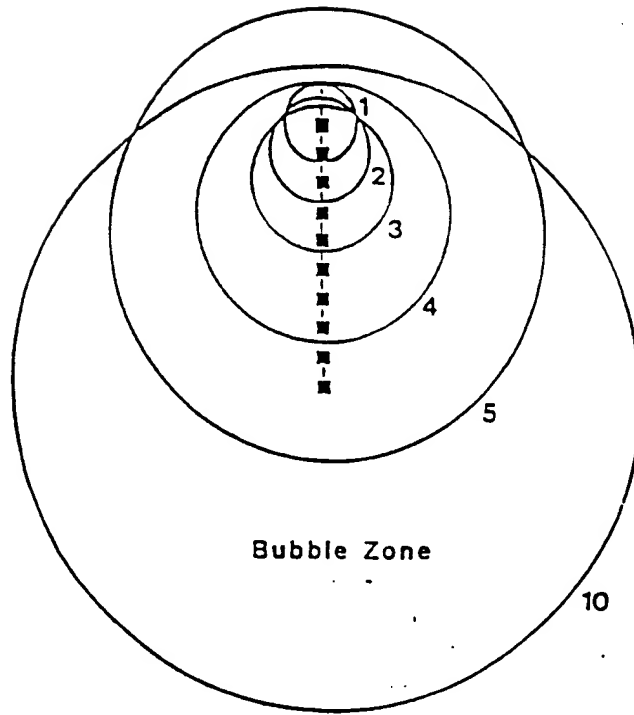


FIG. 26

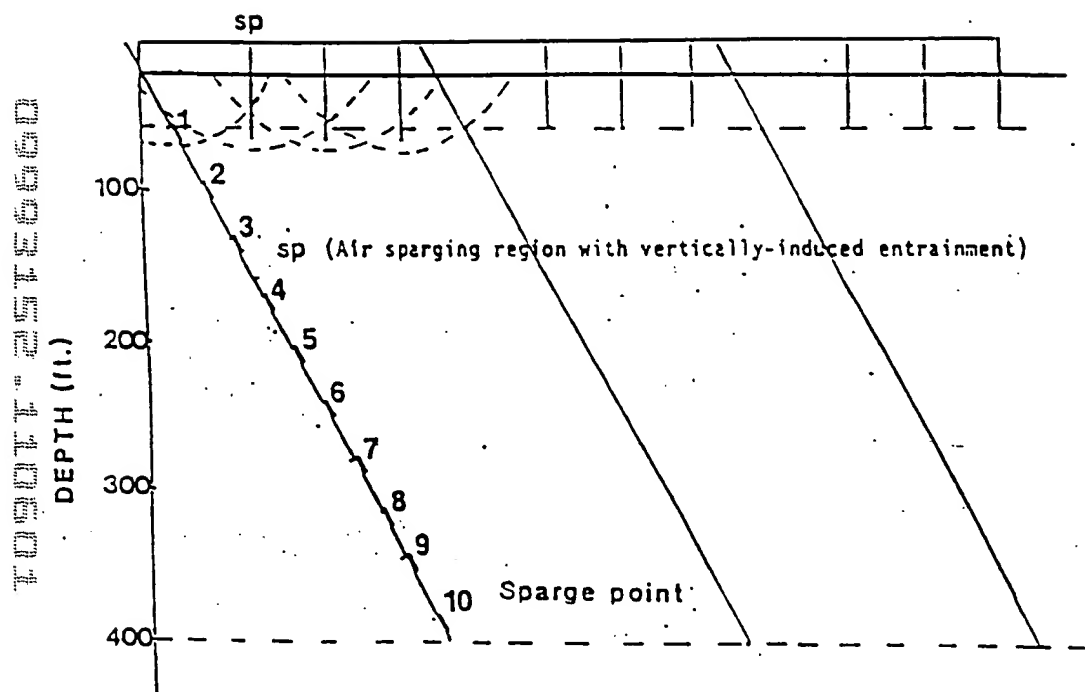


FIG. 27

REPORT 25 FEB 68

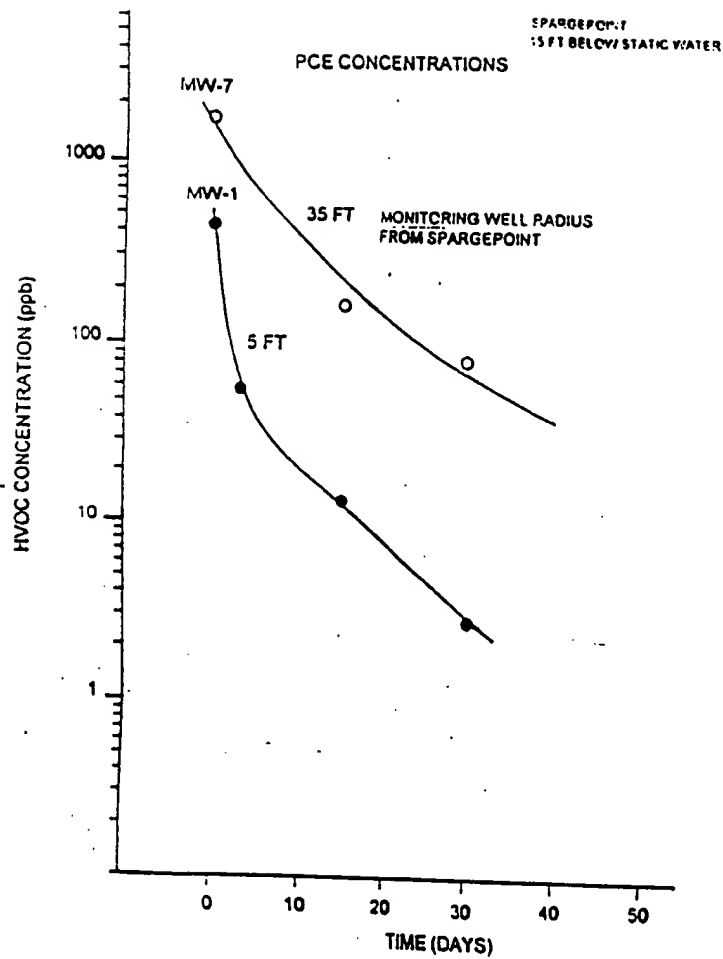


FIG. 28

FOOT 25 660

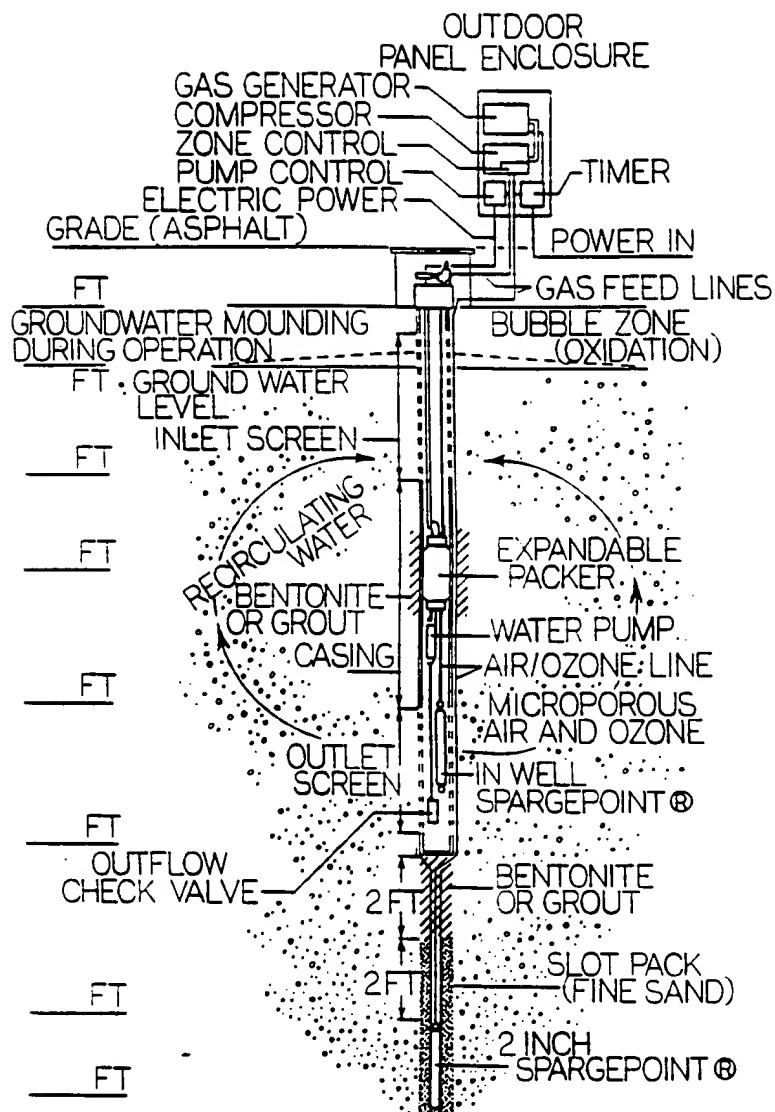
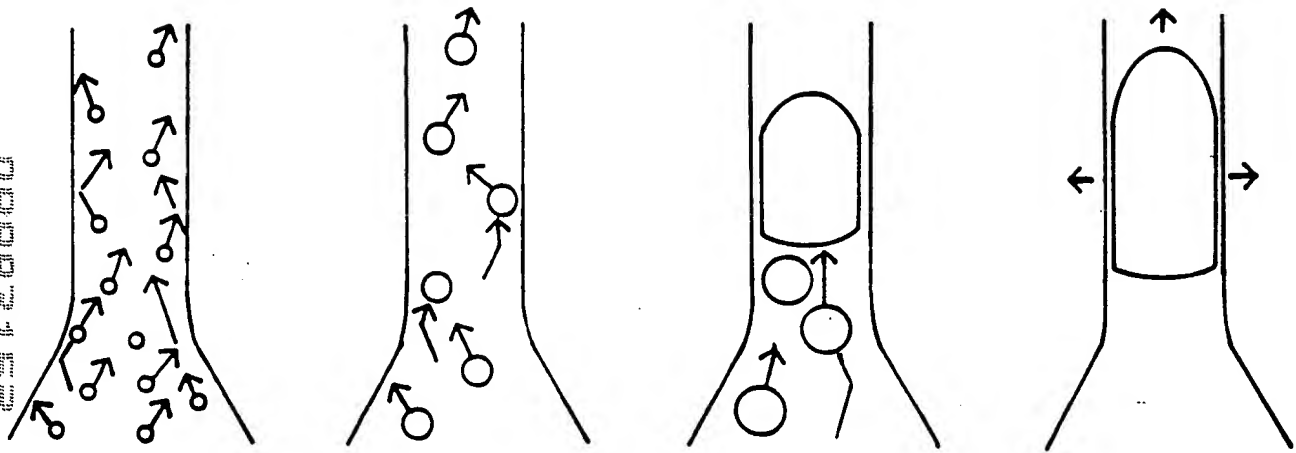


FIG. 29

TOP SECRET 25 FEB 65



Movement of microbubbles through saturated pores as diameter of bubble increases, showing coalescing.

FIG. 30

109077-2512660

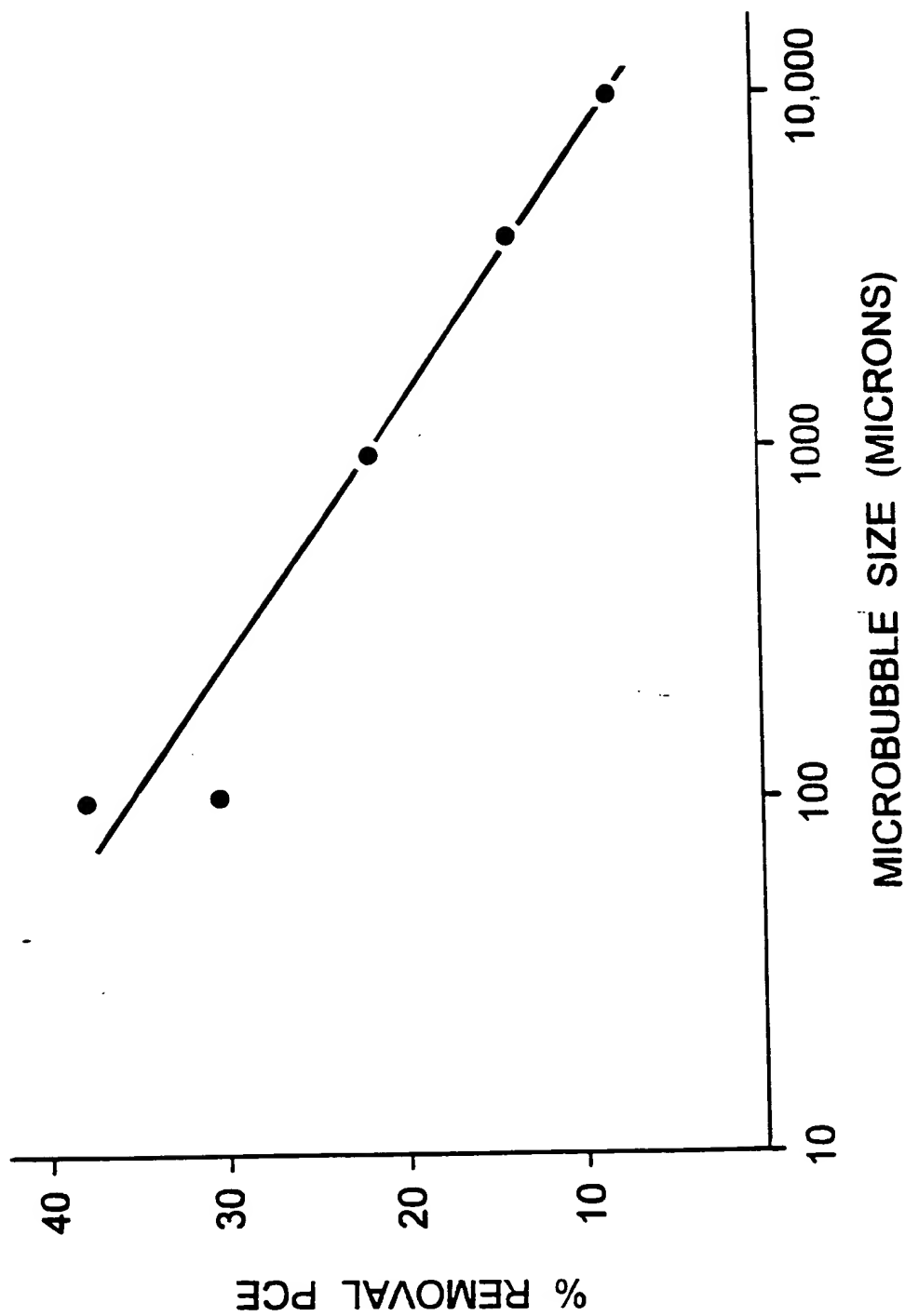


FIG. 31

FOOT" 25T8660

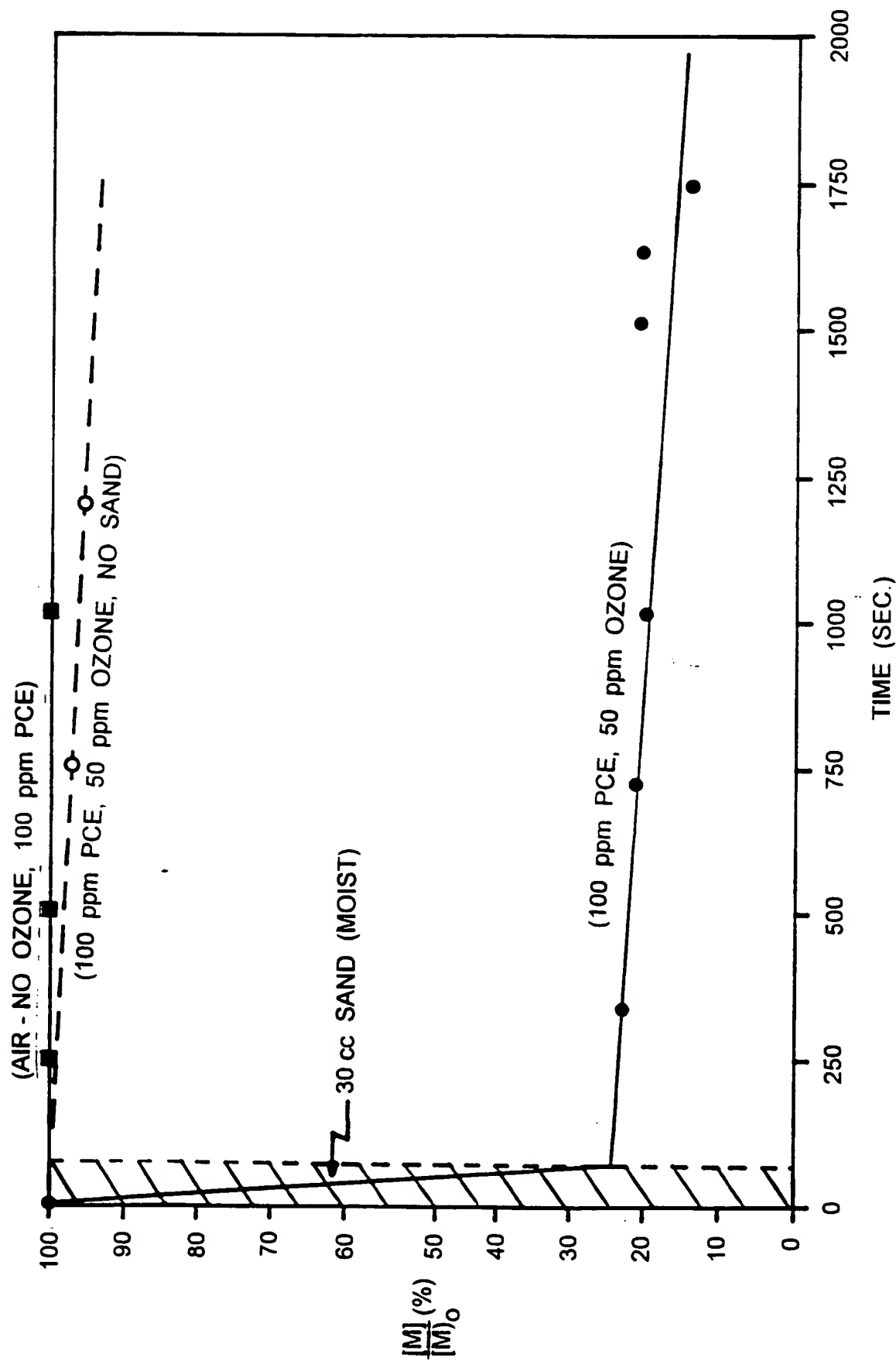


FIG. 32

OZONE AQUEOUS REACTIONS

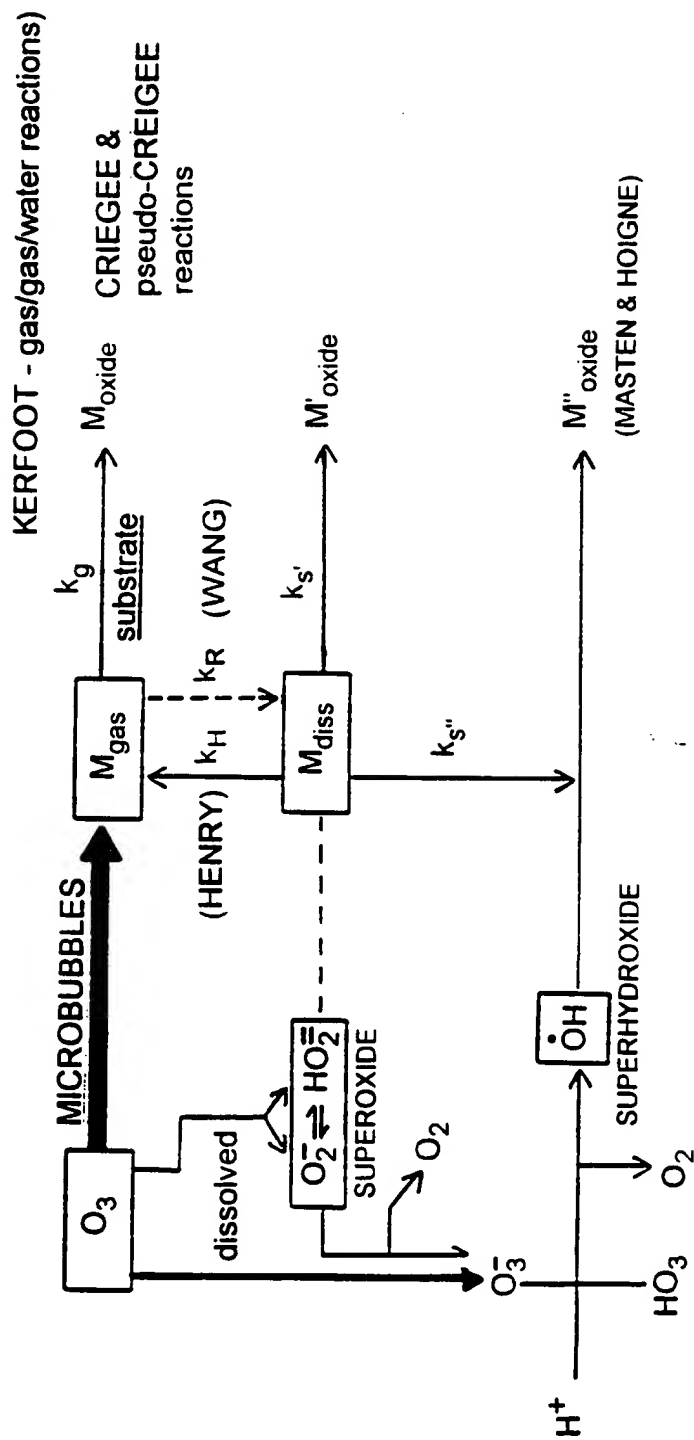


FIG. 33

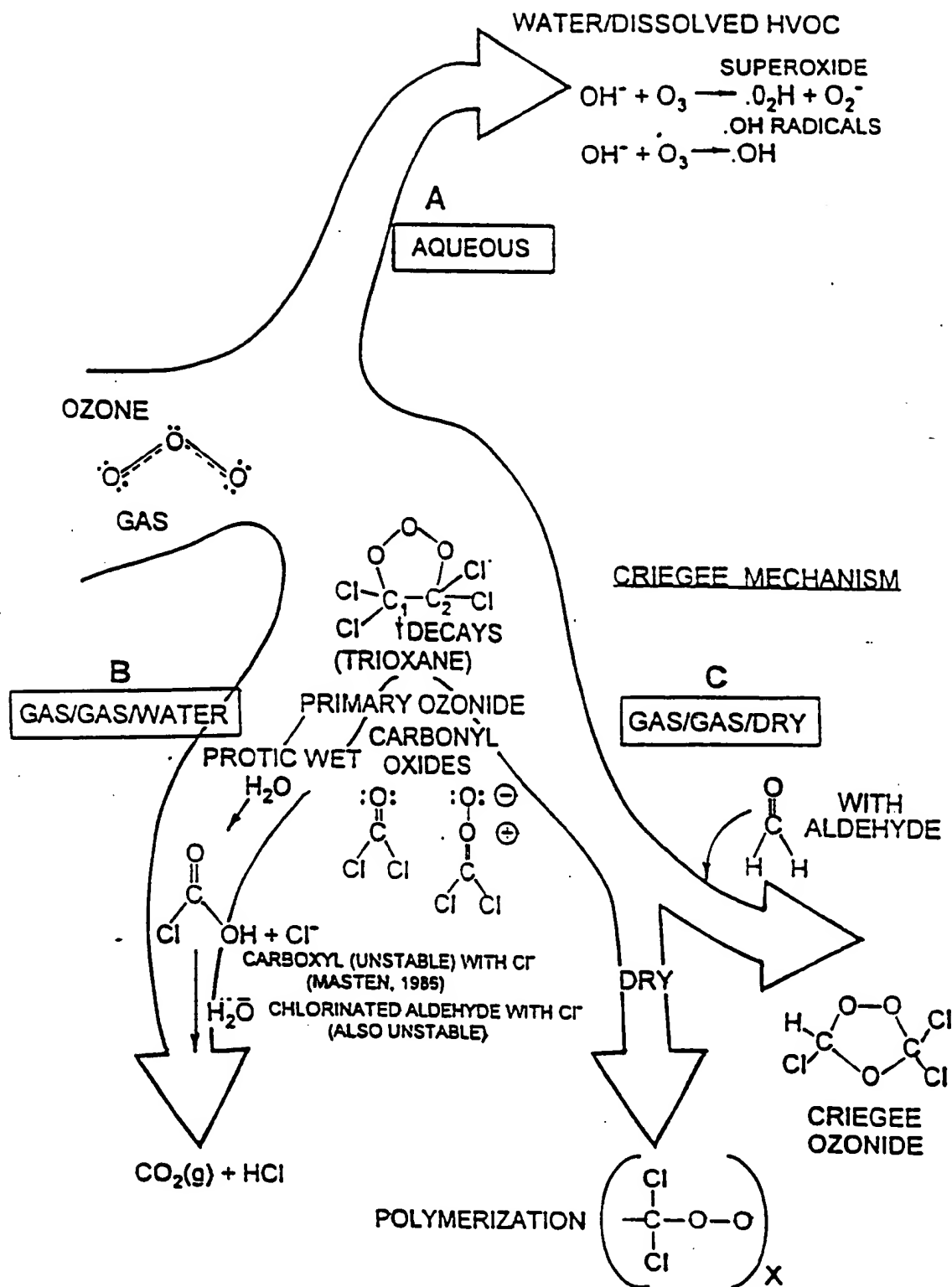


FIG. 34

MICROBUBBLE GENERATOR COLUMN CHAMBER

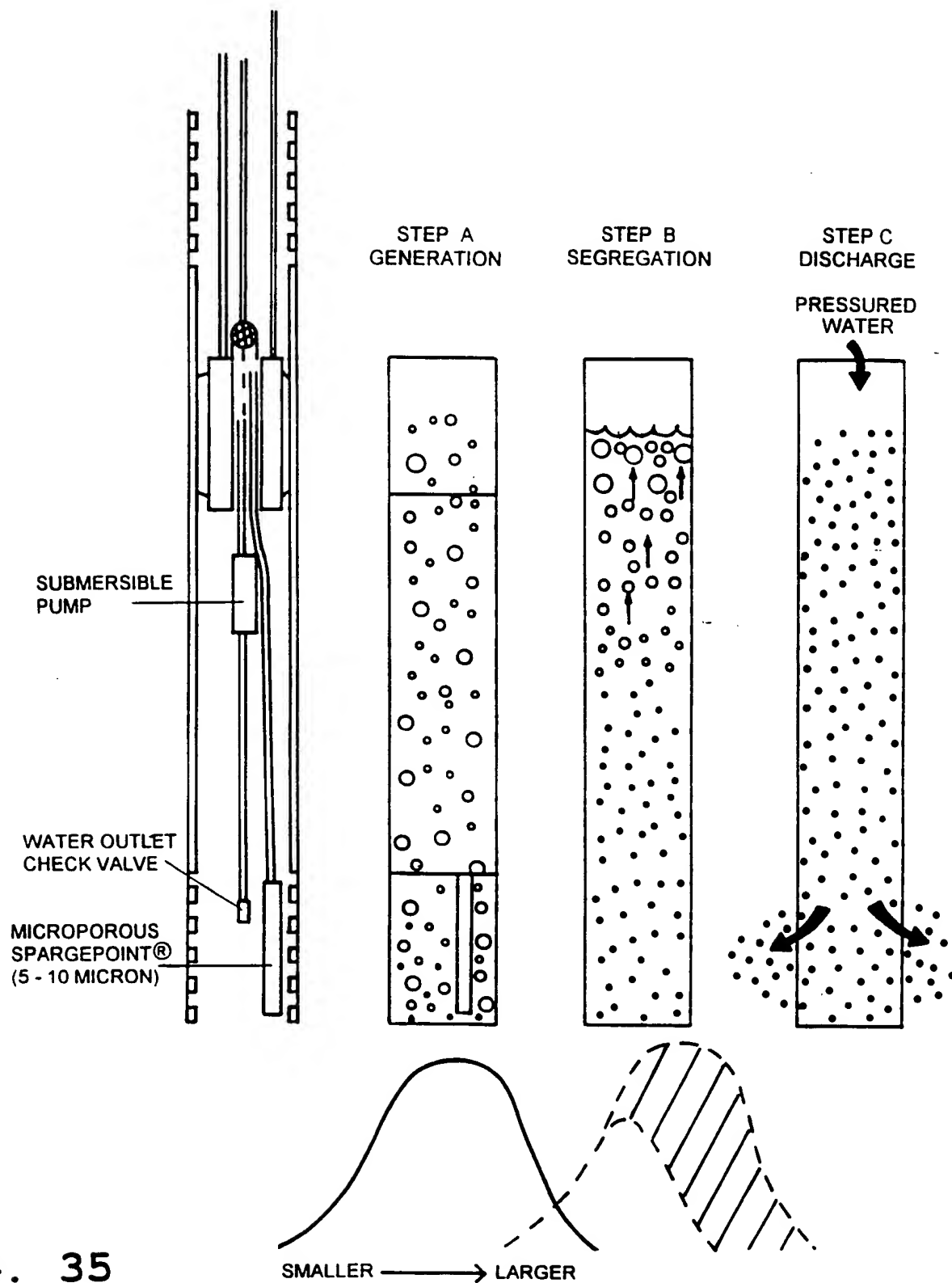


FIG. 35

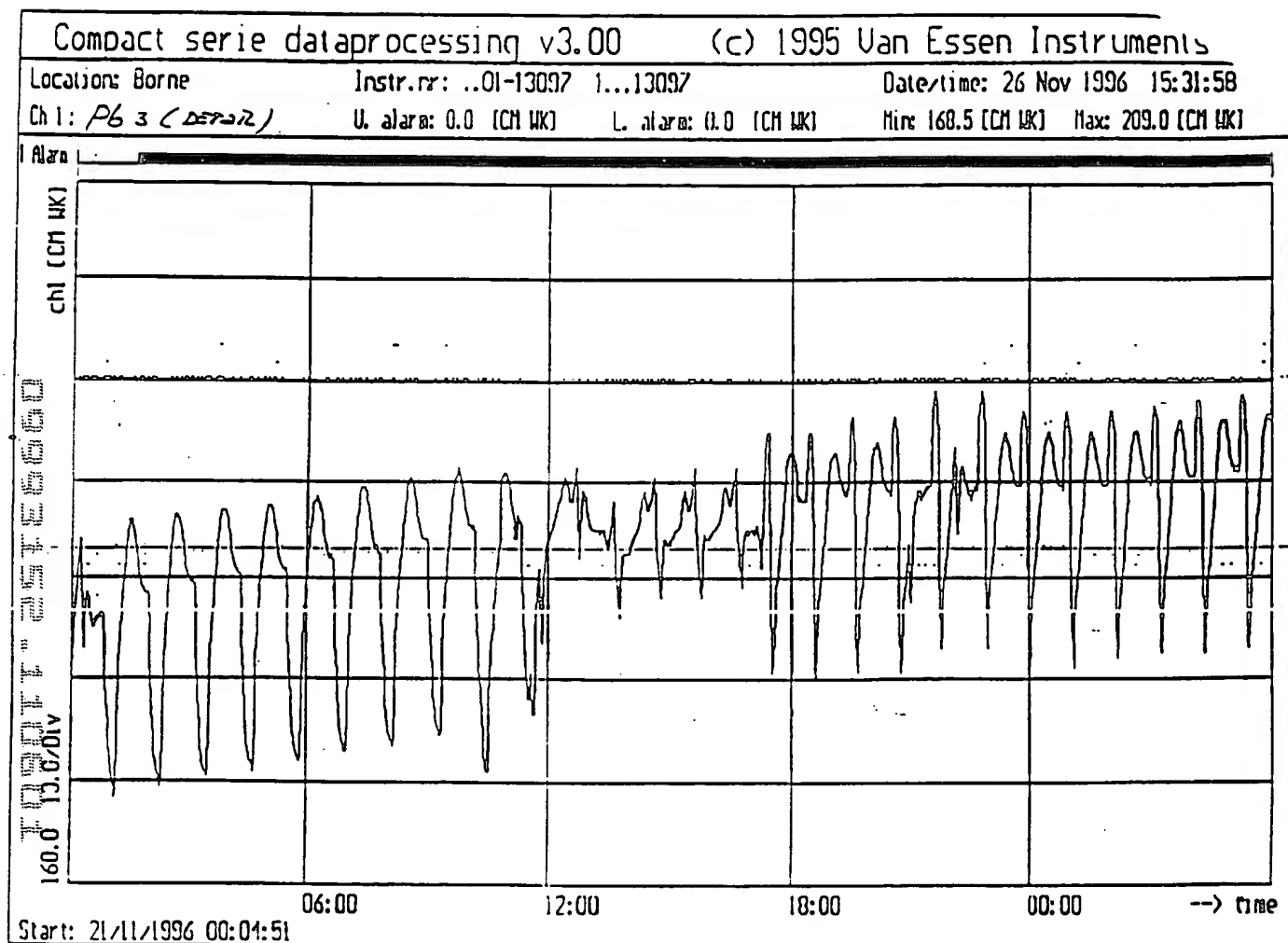


FIG. 36

105077-2575650

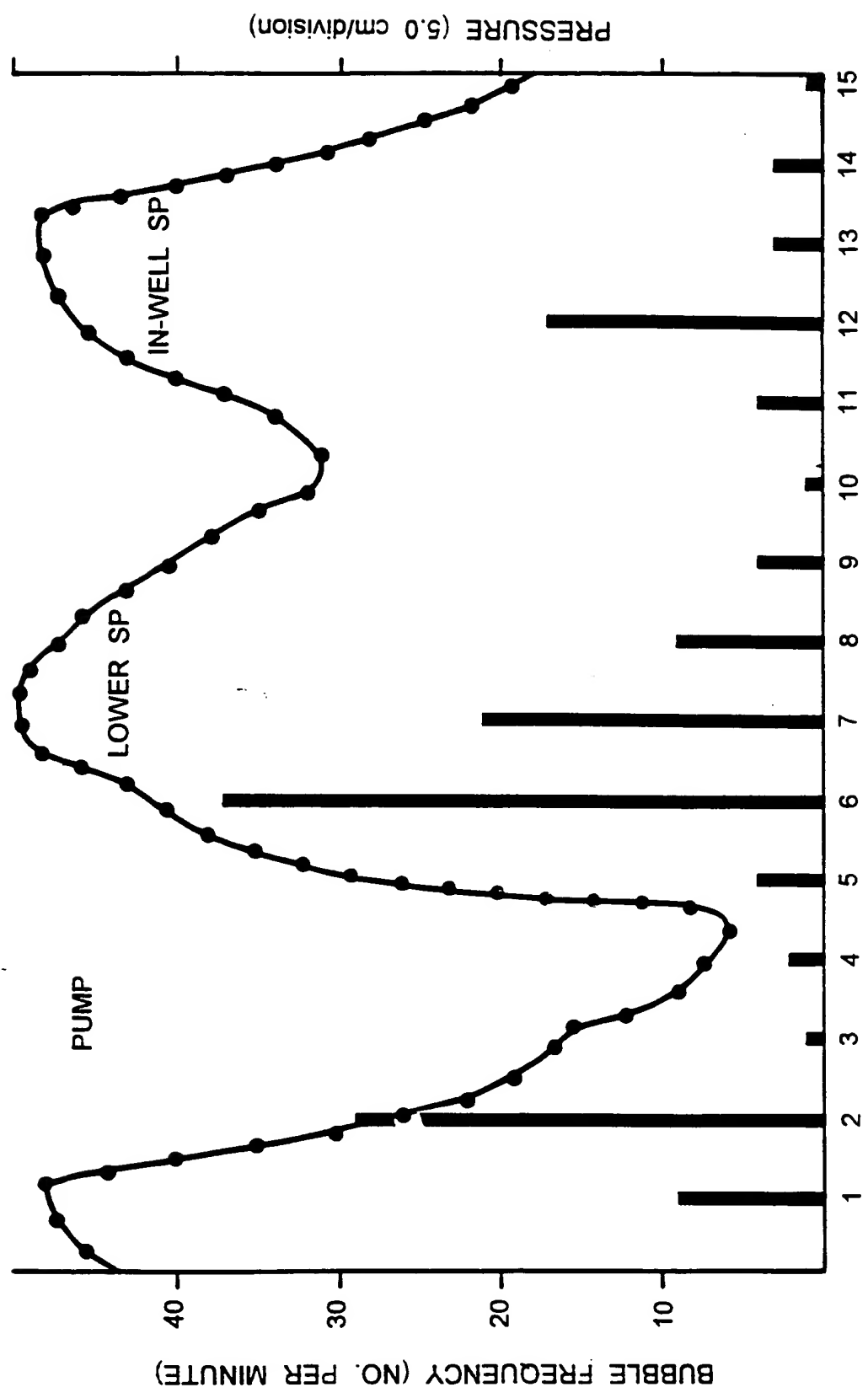


FIG. 37

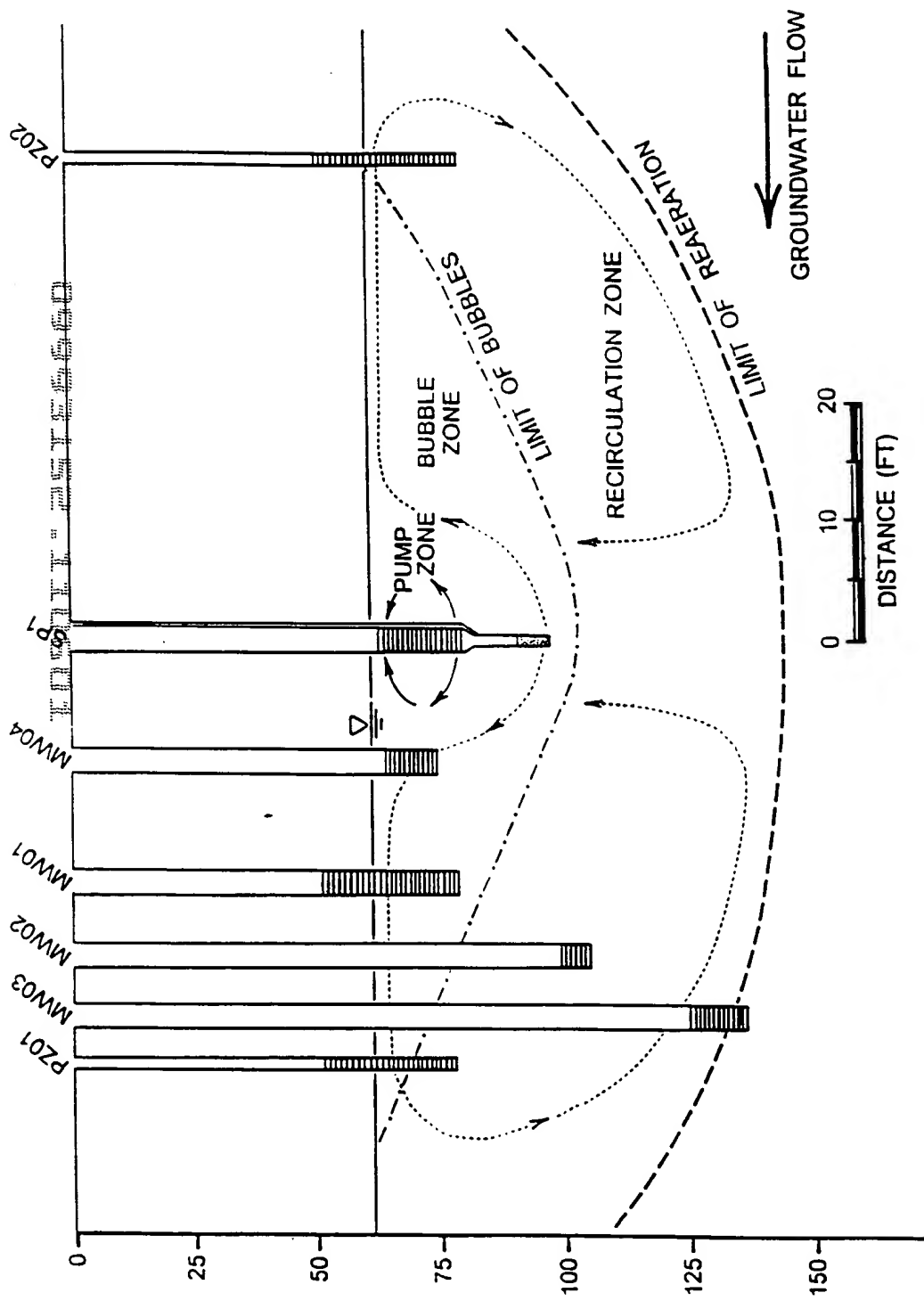


FIG. 38

FOOT 2512500

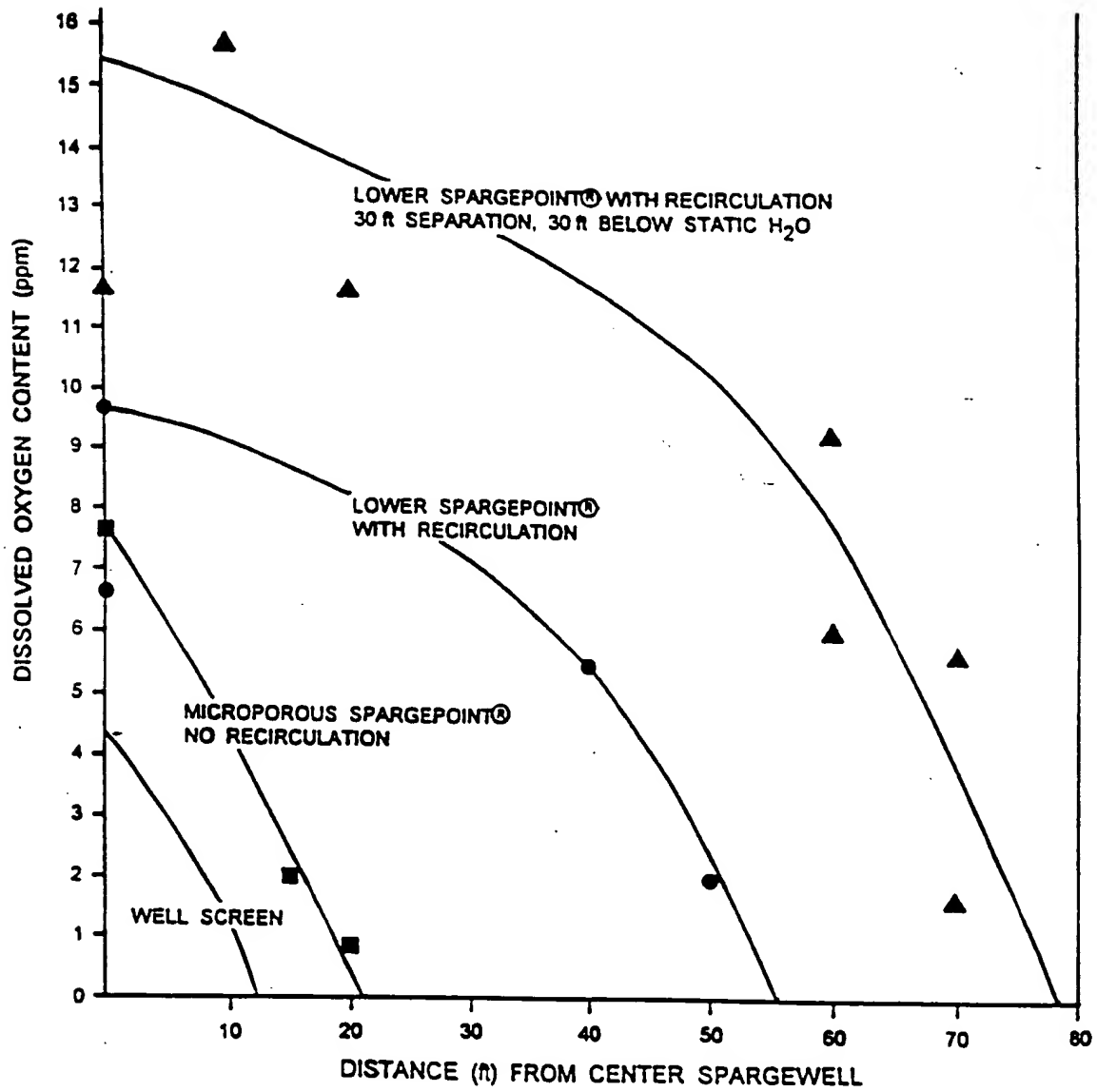


FIG. 39

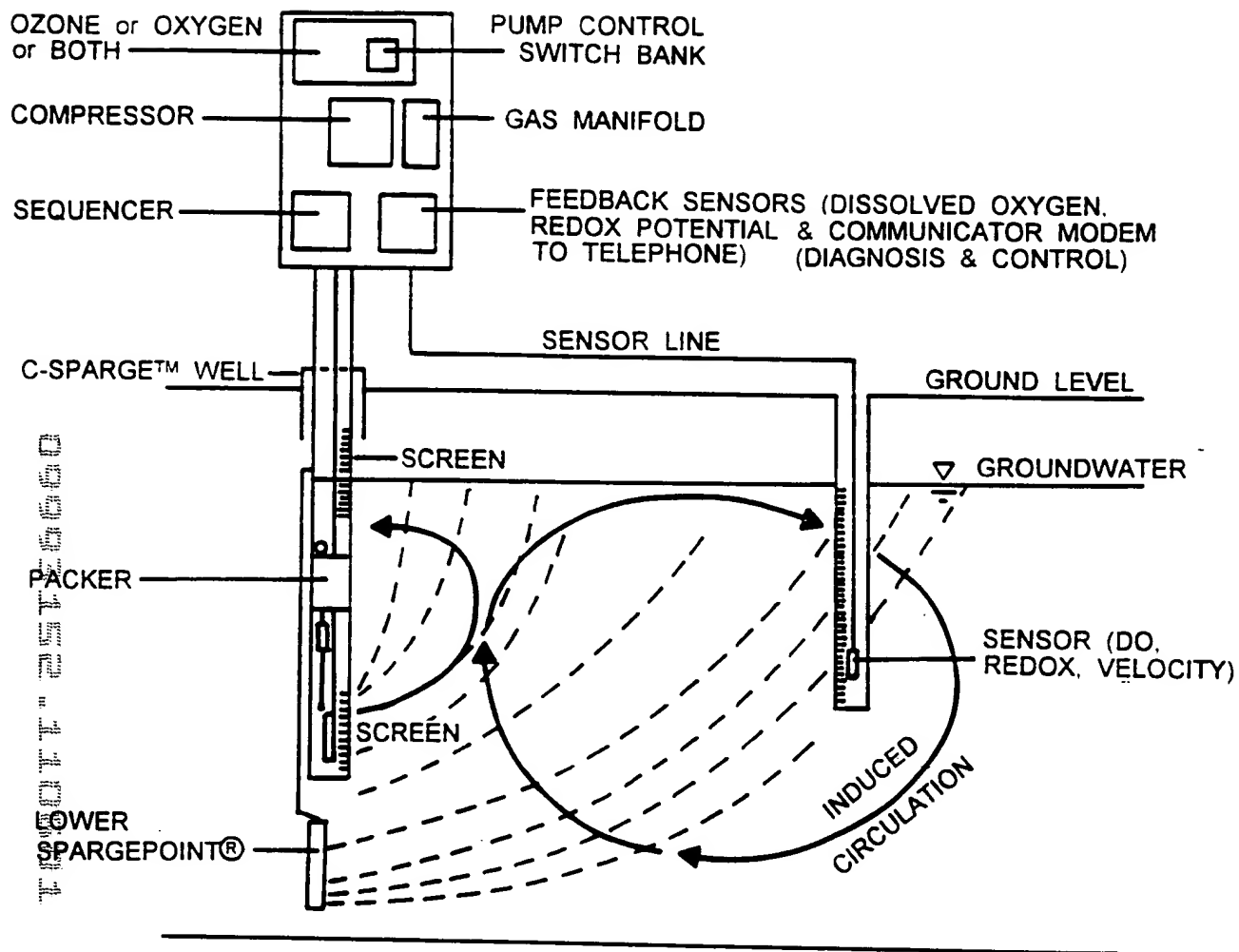


FIG. 40